ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

SINGLE-DIRECTION CEMENTING PLUG

Application Number:

10/767322

Confirmation Number:

5490

First Named Applicant:

RICHARD GIROUX

Attorney Docket Number:

WEAT/0343

Art Unit:

3672

Examiner:

Search string:

(2228503 or 2370832 or 3006415 or 3054100 or 3131769 or 3548936 or 4311195

or 5224540 or 5271468 or 5540279 or 5839515 or 5984007).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

in	it	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	7	1	2228503	1941-01-14	Boyd et al.			
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	\prod	11	5839515	1998-11-24	Yuan et al.			
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Signature

Examiner Name	Date
and a	10/12/05

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INFORMATION DISCLOSURE STATEMENT BY APPEL ANT

Application Number 10/767,322

Filing Date January 29, 2004

First Named Inventor Richard L. Giroux

Group Art Unit Unknown

Examiner Name Unknown

(Use as many sheets as necessary)

Attorney Docket Number WEAT/0343

1 of 2 Submission Date June 3 2004

			U.S. PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
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	A7	US-				
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Examiner Initials*	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	Τ°				
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		•			Filing Date	January 29, 2004	ı
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					Examiner Name	Unknown	ľ
		(Use as many sheets as n	necessary)	Attorney Docket Number	WEAT/0343	Ì
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
		U.K. Search Report, Application No. GB 0402133.3, dated April 7, 2004	
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of

	Application Number	10/767,322	
	Filing Date	January 29, 2004	
	First Named Inventor	Giroux et al.	
	Group Art Unit	3672	
	Examiner Name .	Unknown	
	Attorney Docket Number	WEAT/0343	
_	Submission Date	November 2, 2004	

	<u> </u>		U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No. ¹	Number-Kind Code ² (# known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
an .	A1	US-6742606 B2	06/01/2004	Melcalfe, et al.	
	A2	US-6702040 B1	03/09/2004	Sensenig	
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Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	T⁵				
Initials*	No.¹	Country Code ³ -Number ⁴ -Kind Code ⁶ (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear					
~	B1	DE 3 213 464	10/13/1983	Reimer						
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	B4	EP 0 265 344	04/27/1988	Legendre	·					
~	85	EP 0 462 618	12/27/1991	Karlsson						

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/767,322

Filing Date January 29, 2004

First Named Inventor Giroux et al.

Group Art Unit 3672

Examiner Name Unknown

Attorney Docket Number WEAT/0343

(Use as many sheets as necessary)

Sheet 2 27 November 2, 2004

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	kaminer	Cite. No.1	te. Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
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		A21	US-5836409	11/17/1998	Vail,III	
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Examiner Initiats*	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶				
	No.'	Country Code ³ -Number ⁴ -Kind Code ⁸ (if known)	MM-DD-YYYY	Applicant of Cited Document						
~~	B6	EP 0 554 568	08/11/1993	Tibbits, et al.						
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~	В9	GB 2 335 217	09/15/1999 .	Desai						

Examiner Null Date Considered 10/12/05

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10/767,322

Giroux et al.

3672

January 29, 2004

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Application Number Filing Date

First Named Inventor

Group Art Unit

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

	Examiner Name	Unknown
Use as many sheets as necessary)	Attorney Docket Number	WEAT/0343

of 27 Sheet Submission Date November 2, 2004 **U.S. PATENT DOCUMENTS Document Number** Pages, Columns, Lines, Where Examiner Cite **Publication Date** Name of Patentee or Initials* No.1 Relevant Passages or Relevant MM-DD-YYYY Applicant of Cited Document Number-Kind Code² (F known) Figures Appear m A39 US-5361859 11/08/1994 **Tibbitts** 06/21/1991 US-5322127 McNair et al. A40 A41 US-5318122 05/07/1994 Murray, et al. A42 US5181571 01/27/1993 Mueller 05/05/1992 Jurgens, et al. US-5109924 A44 US-5052483 10/01/1991 Hudson A45 US-4904119 02/27/1990 Legendre, et al. 07/18/1989 A46 US-4848469 Baugh et al. US-4836299 06/06/1989 **Bodine** 05/02/1989 Mikolajczyk A48 US-4825947 A49 US-4699224 10/13/1987 Burton A50 US-4681158 07/21/1987 Pennison 11/04/1986 A51 US-4620600 Persson 08/12/1996 A52 US-4604818 Inoue A53 US4595058 06/17/1986 **Nations** US-4515045 05/07/1985 A54 Gnatchenko, et al. 12/25/1984 A55 US-4489793 Boren US-4483399 11/20/1984 A56 Colgate A57 US-4466498 08/21/1984 Bardwell

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		No.'	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)		Applicant of Cited Document		
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r		B13	GB 1 582 392	01/07/1981			

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Fi	iling Date	January 29, 2004	
Fi	irst Named Inventor	Giroux et al.	
G	roup Art Unit	3672	
Ε	xaminer Name	Unknown	
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S	ubmission Date	November 2, 2004	

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Examiner	Cite	Document Number	Pu	blication Date		Name of Patentee or	Pages, Columns, Lines, When	
Initials*	No.¹	Number-Kind Code ^{2 (# krown)}		M-DD-YYYY		Applicant of Cited Document	Relevant Passages or Relevar Figures Appear	
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Initials*	No.¹	Country Code ³ -Number ⁴ -Kind Code ⁵ (if kno	own)	MM-DD-YY	Y	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
n	B14	GB 2 053 088		02/04/1981		Gebhart		
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	B17	GB 2 320 270		06/17/1998		Armell, et al.	·	

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07/28/1999

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Sheet 5

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/767,322	
Filing Date	January 29, 2004	
First Named Inventor	Giroux et al.	
Group Art Unit	3672	
Examiner Name	Unknown	
Attorney Docket Number	WEAT/0343	
Submission Date	November 2, 2004	

			U.S. PATENT	DOCUMENTS		
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	No.1	Number-Kind Code ^{2 (f known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
~	`A77	US-3353599	11/21/1967	Swift		
	A78	US-3191680	06/29/1965	Vincent		
7	A79	US-3191677	06/29/1965	Kinley		
	A80	US-3169592	02/26/1965	Kammerer		
	A81	US-3102599	09/03/1963	Hillburn		
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	A84	US-2765146	10/02/1956	Williams		
	A85	US-2764329	09/25/1956	Hampton		
	A86	US-2743087	04/24/1956	Layne, et al.		
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	A91	US-2324679	07/20/1943	Cox		
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~	A94	US-2060352	11/11/1936	Stokes		

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Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁰				
Initials*	No.'	Country Code ³ -Number ⁴ -Kind Code ⁸ (if known)	MM-DD-YYYY	Applicant of Cited Document						
1	B19	319 GB 2 365 463	02/20/2002	Glancarlo						
	B20	GB 2 382 361	05/28/2003	Hewson, et al.						
	B21	GB 2 216 926	10/18/1989	Haloid						
1	B22	GB 2 348 223	09/27/2000	Cook, et al.						

Examiner Ohribles Mu- Date Considered 10/12/05

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 27 Sheet

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Application Number	10/767,322	
Filing Date	January 29, 2004	
First Named Inventor	Giroux et al.	
Group Art Unit	3672	
Examiner Name	Unknown	
Attorney Docket Number	WEAT/0343	
Submission Date	November 2, 2004	

•			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
muais	110.	Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
~	A95	US-2049450	08/04/1936	Johnson	
1	A96	US-2017451	10/15/1935	Wickersham	
	A97	US-1981525	11/20/1934	Price	
	A98	US-1880218	10/04/1932	Simmons	
	A99	US-1342424	06/08/1920	Cotten	
	· A100	US-1301285	04/22/1919	Leonard	
-	A101	US1185582	05/30/1916	Bignell	
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Examiner Initials*	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	No.'	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document		
	B23	GB 540 027	10/02/1941			
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November 2, 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number. 10/767,322 Substitute for form 1449A/PTO **Application Number** Filing Date January 29, 2004 SUPPLEMENTAL First Named Inventor Giroux et al. INFORMATION DISCLOSURE Group Art Unit 3672 STATEMENT BY APPLICANT **Examiner Name** Unknown (Use as many sheets as necessary) WEAT/0343 Attorney Docket Number

Submission Date

		FORE	IGN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁶ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T [®]
N	B27	USSR 112631	01/10/1956	Barshai, et al.		
1	B28	USSR 1304470	08/31/1984	Gelfat, et al.		
	B29	USSR 1808972	05/22/1991	Voroshbitov, et al.		
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1	B34	USSR 481689	06/09/1972	Barshai, et al.		
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-	B42	USSR 781312	03/07/1978	Barshai, et al.		
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1	B44	USSR 955765	02/09/1981	Gelfat, et al.		
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	B48	WO 92/01139	01/23/1992	Nobilequ		
<u> </u>	B49	WO 92/18743	10/29/1992	Pietras		
	B50	WO 92/20899	11/26/1992	Ellis		
<i>\</i>	B51	WO 93/24728	12/09/1993	Simpson		

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November 2, 2004

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Submission Date

		FORE	IGN PATENT I	DOCUMENTS		
Examiner C nitials* N	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or	Т
ii iiligig	140.	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Figures Appear	
~	B52	WO 95/10686	04/20/1995	Lorenz, et al.		
1	B53	WO 96/28635	09/19/1996	Strong, et al.		
	B54	WO 98/09053	03/05/1998	Murray, et al.		
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	B50	FR 2053088	07/20/1970	Gottwald		
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~	B73	WO 91/16520	10/31/1991	Hallundbaek		
	B74					
	B75					
	B76					
	B77	·				
	B78					

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Substitute for form 1449B/PTO
SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application Number

Application Number

Filing Date

Filing Date

First Named Inventor

Group Art Unit

Group Art Unit

3672

Examiner Name

Unknown

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(Use as many sheets as necessary)				Attorney Docket Number	WEAT/0343	
Sheet	9	of	27	Submission Date	November 2, 2004	1
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
N	C1	HAHN, ET AL., "Simultaneous Drill and Case Technology - Case Histories, Status and Options for Further Development, " Society of Petroleum Engineers, IADC/SPE Drilling Conference, New Orlean, LA Feb. 23-25, 2000 pp. 1-9.	
	C2	M.B. STONE and J. SMITH, "Expandable Tubulars and Casing Driling are Options" Drilling Contractor, January/February 2002, pp. 52.	
	C3	M. GELFGAT, "Retractable Bits Development and Application" Transactions of the ASME, Vol. 120, June (1998), pp. 124-130.	
	C4	"First Success with Casing-Drilling" Word Oil, February (1999), pp. 25.	
	C5	DEAN E. GADDY, Editor, "Russia Shares Technical Know-How with U.S." Oil & Gas Journal, March (1999), pp. 51-52 and 54-56.	
	C6	United States Patent Application 10/794,800, filed March 5, 2004 (WEAT/0360)	
	C7	United States Patent Application 10/832,804, filed April 27, 2004 (WEAT/0383.P1)	
	C8	United States Patent Application 10/795,214, filed March 5, 2004 (WEAT/0373)	
	C9	United States Patent Application 10/794,795, filed March 5, 2004 (WEAT/0357)	
	C10	United States Patent Application 10/775,048, filed February 9, 2004 (WEAT/0359)	
	C11	United States Patent Application 10/772,217, filed February 2, 2004 (WEAT/0344)	
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 10/767.322 **Application Number** Substitute for form 1449B/PTO Filing Date January 29, 2004 SUPPLEMENTAL First Named Inventor Giroux et al. INFORMATION DISCLOSURE 3672 Group Art Unit STATEMENT BY APPLICANT Unknown Examiner Name (Use as many sheets as necessary) WEAT/0343 Attorney Docket Number of 27 Sheet | 10 Submission Date November 2, 2004

2	ווי ווי	Submission Date November 2, 2004	
_	_	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
~	C13	United States Patent Application 10/794,797, filed March 5, 2004 (WEAT/0371)	
	C14	United States Patent Application 10/767,322, filed January 29, 2004 (WEAT/0343)	
	C15	United States Patent Application 10/795,129, filed March 5, 2004 (WEAT/0366)	
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Examiner mile Date Considered 10/12/05

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of 27 Submission Date Sheet 11 November 2, 2004

Examine Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A120	6,591,471	07-15-2003	Hollingsworth et al.			
	A121	6,554,064	04-29-2003	Restarick et al.			
	A122	6,538,576	03-25-2003	Schultz et al.			
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(Use as many sheets as necessary)

Sheet | 12

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	Application Number	10/767,322	
	Filing Date	January 29, 2004	
	First Named Inventor	Giroux et al.	_
	Group Art Unit	3672	
	Examiner Name	Unknown	
	Attorney Docket Number	WEAT/0343	
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*Examine r Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
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Examiner	an	elin a			Date C	onsidered	10/12/05

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/767,322	
Filing Date	January 29, 2004	
First Named Inventor	Giroux et al.	
Group Art Unit	3672	
Examiner Name	Unknown	
Attorney Docket Number	WEAT/0343	
Submission Date	November 2, 2004	

Examine Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
N	A160	6,119,772	09-19-2000	Pruet			
. [A161	6,065,550	05-23-2000	Gardes			
	A162	6,062,326	05-16-2000	Strong et al.			
	A163	6,061,000	05-09-2000	Edwards			
	A164	6,059,053	05-09-2000	McLeod			
	A165	6,059,051	05-09-2000	Jewkes et al.			
	A166	6,026,911	02-22-2000	Angle et al.			
	A167	6,000,472	12-14-1999	Albright et al.			
	A168	5,971,079	10-26-1999	Mullins			
	A169	5,957,225	09-28-1999	Sinor			
	A170	5,950,742	09-14-1999	Caraway			
	A171	5,947,213	09-07-1999	Angle et al.			
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	A173	5,921,332	07-13-1999	Spedale, Jr.			
	A174	5,921,285	07-13-1999	Quigley et al.			
	A175	5,913,337	06-22-1999	Williams et al.			
	A176	5,908,049	06-01-1999	Williams et al.			
	A177	5,894,897	04-20-1999	Vail, III			
	A178	5,890,549	04-06-1999	Sprehe			
	A179	5,890,537	04-06-1999	Lavaure et al.			
	A180	5,860,474	01-19-1999	Stoltz et al.			
. /	A181	5,845,722	12-08-1998	Makohl et al.			
Examiner	m		•		Date Co	nsidered /	1/2/08

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Application Number	10/767,322	
Filing Date	January 29, 2004	
First Named Inventor	Giroux et al.	
Group Art Unit	3672	
Examiner Name	Unknown	
Attorney Docket Number	WEAT/0343	
Submission Date	November 2, 2004	

	A182 A183 A184 A185 A186 A187 A188	5,842,530 5,839,519 5,839,330 5,829,520 5,828,003	12-01-1998 11-24-1998 11-24-1998 11-03-1998	Smith et al. Spedale, Jr. Stokka			
	A184 A185 A186 A187	5,839,330 5,829,520 5,828,003	11-24-1998 11-03-1998	Stokka			
	A185 A186 A187	5,829,520 5,828,003	11-03-1998				1
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	A187			Johnson			
			10-27-1998	Thomeer et al.			
	A 1 0 0	5,785,134	07-28-1998	McLeod et al.			
	W100	5,746,276	05-05-1998	Stuart			:
	A189	5,743,344	04-28-1998	McLeod et al.			
	A190	5,735,348	04-07-1998	Hawkins, III			
	A191	5,732,776	03-31-1998	Tubel et al.			
	A192	5,720,356	02-24-1998	Gardes	1		
1	A193	5,711,382	01-27-1998	Hansen et al.			
	A194	5,667,026	09-16-1997	Lorenz et al.			
	A195	5,667,023	09-16-1997	Harrell et al.		·	
	A196 1	5,662,182	09-02-1997	McLeod et al.			
	A197	5,662,170	09-02-1997	Donovan et al.			
	A198	5,661,888	09-02-1997	Hanslik			
	A199	5,651,420	07-29-1997	Tibbitts et al.			
	A200	5,584,343	12-17-1996	Coone			
	A201	5,582,259	12-10-1996	Barr			
2	A202	5,560,437	10-01-1996	Dickel et al.			

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First Named Inventor	Giroux et al.	
Group Art Unit	3672	
Examiner Name	Unknown	
Attorney Docket Number	WEAT/0343	
Submission Date	November 2, 2004	

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Clas s	Subclass	Filing Date If Appropriate
	A203	5,551,521	09-03-1996	Vail, III			
1	A204	5,547,029	08-20-1996	Rubbo et al.			
	A205	5,535,838	07-16-1996	Keshavan et al.			
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	A208	5,472,057	12-05-1995	Winfree			
	A209	5,452,923	09-26-1995	Smith			
	A210	5,386,746	02-07-1995	Hauk		_	
	A211	5,379,835	01-10-1995	Streich			
	A212	5,368,113	11-29-1994	Schulze- Beckinghausen			
	A213	5,355,967	10-18-1994	Mueller et al.			
	A214	5,354,150	10-11-1994	Canales			
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	A216	5,343,950	09-06-1994	Hale et al.			
	A217	5,332,048	07-26-1994	Underwood et al.			
	A218	5,323,858	06-28-1994	Jones et al.			
	A219	5,320,178	06-14-1994	Cornette			
	A220	5,305,830	04-26-1994	Wittrisch			
	A221	5,297,833	03-29-1994	Willis et al.			
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Examiner	mil	en m			Date	Considere	d. 10/12/07

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Filing Date	January 29, 2004	
First Named Inventor	Giroux et al.	
Group Art Unit	3672	
Examiner Name	Unknown	
Attorney Docket Number	WEAT/0343	
Submission Date	November 2, 2004	

Examiner		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A223	5,291,956	03-08-1994	Mueller et al.			
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	A228	5,255,751	10-26-1993	Stogner			
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	A233	5,186,265	02-16-1993	Henson et al.			
	A234	5,172,765	12-22-1992	Sas-Jaworsky			
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	A236	5,160,925	11-03-1992	Dailey et al.			
	A237	5,148,875	09-22-1992	Karlsson et al.			
	A238	5,111,893	05-12-1992	Kvello-Aune			
	A239	5,096,465	03-17-1992	Chen et al.			
	A240	5,082,069	01-21-1992	Seiler et al.			
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1	A242	5,060,737	10-29-1991	Mohn			

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10/767,322 **Application Number** Filing Date January 29, 2004 First Named Inventor Giroux et al. Group Art Unit 3672 **Examiner Name** Unknown WEAT/0343

(Use as many sheets as necessary)

Submission Date Sheet | 17 November 2, 2004

Examiner nitial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
~	A243	5,060,542	10-29-1991	Hauk			
	A244	5,049,020	09-17-1991	McArthur			
	A245	5,027,914	07-02-1991	Wilson			
	A246	5,022,472	06-11-1991	Bailey et al.			
	A247	4,997,042	03-05-1991	Jordan et al.			
	A248	4,962,822	10-16-1990	Pascale			
	A249	4,921,386	05-01-1990	McArthur			
	A250	4,880,058	11-14-1989	Lindsey et al.			
	A251	4,854,386	08-08-1989	Baker et al.			
	A252	4,843,945	07-04-1989	Dinsdale			
	A253	4,842,081	06-27-1989	Parant			
	A254	4,832,552	05-23-1989	Skelly			
	A255	4,813,495	03-21-1989	Leach			
	A256	4,765,416	08-23-1988	Bjerking et al.			
	A257	4,762,187	08-09-1988	Haney			
	A258	4,760,882	08-02-1988	Novak			
	A259	4,735,270	04-05-1988	Fenyvesi			
	A260	4,725,179	02-16-1988	Woolslayer et al.			
	A261	4,671,358	06-09-1987	Lindsey, Jr. et al.			
~	A262	4,686,873	08-18-1987	Lang et al.			

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Sheet

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	Application Number	10/767,322	
	Filing Date	January 29, 2004	
	First Named Inventor	Giroux et al.	
	Group Art Unit	3672	
	Examiner Name	Unknown	
	Attorney Docket Number	WEAT/0343	
	Submission Date	November 2, 2004	

Examiner Initial	1	Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
~	A263	4,655,286	04-07-1987	Wood			
1	A264	4,652,195	03-24-1987	McArthur			
	A265	4,651,837	03-24-1987	Mayfield			
	A266	4,630,691	12-23-1986	Hooper			
	A267	4,605,077	08-12-1986	Boyadjieff			
	A268	4,604,724	08-05-1986	Shaginian et al.			
	A269	4,589,495	05-20-1986	Langer et al.			
	A270	4,583,603	04-22-1986	Dorleans et al.			
	A271	4,580,631	04-08-1986	Baugh			
	A272	4,545,443	10-08-1985	Wiredal			
	A273	4,544,041	10-01-1985	Rinaldi			
	A274	4,474,243	10-02-1984	Gaines			
	A275	4,472,002	09-18-1984	Beney et al.			
	A276	4,470,470	09-11-1984	Takano			
	A277	4,463,814	08-07-1984	Horstmeyer et al.			
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	A279	4,440,220	04-03-1984	McArthur			
	A280	4,413,682	11-08-1983	Callihan et al.			
	A281	4,408,669	10-11-1983	Wiredal			
	A282	4,384,627	05-24-1983	Ramirez-Jauregui			
	A283	4,336,415	06-22-1982	Walling			
	A284	4,320,915	03-23-1982	Abbott et al.			
-	A285	4,315,553	02-16-1982	Stallings			

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PTO/SB/08a (08-03)

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Application Number	10/767,322	
Filing Date	January 29, 2004	
First Named Inventor	Giroux et al.	
Group Art Unit	3672	
Examiner Name	Unknown	·
Attorney Docket Number	WEAT/0343	
Submission Date	November 2, 2004	

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
N.	A286	4,287,949	09-08-1981	Lindsey, Jr.			
(A287	4,281,722	08-04-1981	Tucker et al.			
	A288	4,274,777	06-23-1981	Scaggs			
	A289	4,262,693	04-21-1981	Giebeler			
	A290	4,257,442	03-24-1981	Claycomb			
	A291	4,175,619	11-27-1979	Davis			
	A292	4,173,457	11-06-1979	Smith			
	A293	4,142,739	03-06-1979	Billingsley			
	A294	4,133,396	01-09-1979	Tschirky			,
	A295	4,100,968	07-18-1978	Delano			
	A296	4,085,808	04-25-1978	Kling			
	A297	4,082,144	04-04-1978	Marquis			
	A298	4,077,525	03-07-1978	Callegari et al.			
	A299	4,064,939	12-27-1977	Marquis			
	A300	4,054,426	10-18-1977	White			
	A301	4,049,066	09-20-1977	Richey			
~	A302	3,980,143	09-14-1976	Swartz et al.			

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Application Number	10/767,322	
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First Named Inventor	Giroux et al.	
Group Art Unit	3672	
Examiner Name	Unknown	
Attorney Docket Number	WEAT/0343	
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Examiner nitial		Document Number	Issue Date	Applicant(s) Name	Class	Subcl ass	Filing Date If Appropriate
N	A303	3,964,556	06-22-1976	Gearhart et al.			·
	A304	3,945,444	03-23-1976	Knudson			
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	A307	3,870,114	03-11-1975	Pulk, deceased et al.			
	A308	3,840,128	10-08-1974	Swoboda, Jr. et al.			
	A309	3,838,613	10-01-1974	Wilms			
	A310	3,808,916	05-07-1974	Porter et al.			
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	A312	3,729,057	04-24-1973	Werner			
	A313	3,692,126	09-19-1972	Rushing et al.			
	A314	3,656,564	04-18-1972	Brown			
	A315	3,603,413	09-07-1971	Grill, et al.			
	A316	3,603,412	09-07-1971	Kammerer, Jr. et al.			
	A317	3,603,411	09-07-1971	Link			
	A318	3,559,739	02-02-1971	Hutchison			
	A319	3,570,598	03-16-1971	Johnson			
	A320	3,552,510	01-05-1971	Brown			
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	A323	3,550,684	12-19-1970	Cubberly, Jr.			
	A324	3,518,903	07-07-1970	Ham, et al.		-	
	A325	3,392,609	07-16-1968	Bartos			
n	A326	3,380,528	04-30-1968	Timmons			

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	21	of	27

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Application Number	10/767,322	
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First Named Inventor	Giroux et al.	
Group Art Unit	3672	
Examiner Name	Unknown	
Attorney Docket Number	WEAT/0343	
Submission Date	November 2, 2004	

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		3,122,811	03-03-1964	Gilreath		
1	A330	2,743,495	05-01-1956	Eklund		
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	A332	2,692,059	10-19-1954	Bolling, Jr.		
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	A337	2,522,444	09-12-1950	Grable		
	A338	2,214,429	09-10-1940	Miller		
	A339	1,917,135	07-04-1933	Littell		
	A340	1,842,638	01-26-1932	Wigle		
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	A349	2002/0074132		Juhasz et al.		03/03/2000
	A350	2002/0074127		Birckhead et al.		02/22/2001
a	A351	2002/0066556		Goode et al.		08/02/2001

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Group Art Unit	3672	
Examiner Name	Unknown	
Attorney Docket Number	WEAT/0343	
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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subcl ass	Filing Date If Appropriate
~	A352	2001/0047883		Hanton et al.			02/18/2000
	A353	2001/0042625		Appleton			07/30/2001
7	A354	2001/0040054		Haugen et al.			05/04/2001
	A355	2001/0013412		Tubel			01/18/2001
	A356	2001/0000101		Lovato et al.			12/07/2000
	A357	10/618,093			-		
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1	A360	2004/0124011		Gledhill et al.			12/31/2002
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Ju	A367	5,343,951	09-06-1994	Cowan et al.			
Examiner	mia	le s	u_		Date Co	nsidered	10/11/05

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Application Number	10/767,322	
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Group Art Unit	3672	
Examiner Name	Unknown	
Attorney Docket Number	WEAT/0343	
Submission Date	November 2, 2004	

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*Examine	,	Document	Date	Country	Class	Subclass	Trans	lation
r Initial		Number					YES	NO
~	B74	WO 02/086287	10-31-2002	WIPO	E21B	47/01		⊠
	B75	WO 01/94739	12-13-2001	WIPO	E21B	7/20		×
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Application Number	10/767,322	
Filing Date	January 29, 2004	<u>-</u>
First Named Inventor	Giroux et al.	
Group Art Unit	3672	
Examiner Name	Unknown ·	-
Attorney Docket Number	WEAT/0343	
Submission Date	November 2, 2004	

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Filing Date January 29, 2004

First Named Inventor Giroux et al.

Group Art Unit 3672

Examiner Name Unknown

Attorney Docket Number WEAT/0343

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Sheet	26	of	27

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Application Number	10/767,322	
Filing Date	January 29, 2004	
First Named Inventor	Giroux et al.	
Group Art Unit	3672	
Examiner Name	Unknown	
Attorney Docket Number	WEAT/0343	-
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10/767,322 **Application Number** January 29, 2004 Filing Date First Named Inventor Giroux et al. Group Art Unit 3672 **Examiner Name** Unknown WEAT/0343 **Attorney Docket Number** Submission Date November 2, 2004

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Submission Date

of 12

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	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
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Submission Date

of | 12

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	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where			
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10/767,322 Application Number Substitute for form 1449A/PTO Filing Date January 29, 2004 INFORMATION DISCLOSURE First Named Inventor Richard L. Giroux et al STATEMENT BY APPLICANT **Group Art Unit** 3672 **Examiner Name** Unknown (Use as many sheets as necessary) **Attorney Docket Number** WEAT/0343 36735 Customer No.

Submission Date

			U.S. PATENT	DOCUMENTS	
	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
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Date Considered Examiner

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Substitute for form 1449A/PTO

Application Number

Filing Date

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application Number

First Named Inventor

Group Art Unit

10/767,322

First Named Inventor

Richard L. Giroux et al

Group Art Unit

3672

(Use as many sheets as necessary)

Sheet 5 of 12

Application Number	10/767,322	•
Filing Date	January 29, 2004	
First Named Inventor	Richard L. Giroux et al	
Group Art Unit	3672	
Examiner Name	Unknown	
Attorney Docket Number	WEAT/0343	
Customer No.	36735	
Submission Date		

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Examiner Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
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Approved for uso through 07/31/2008, OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

12 Su	bmission Date	
Cu	stomer No.	36735
Att	omey Docket Number	WEAT/0343
Ex	aminer Name	Unknown
ANT Gr	oup Art Unit	3672
URE Fin	st Named Inventor	Richard L. Giroux et al
Fili	ng Date	January 29, 2004
Ар	plication Number	10/767,322
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Examiner	mille	Mee	Date Considered	10/12/05	

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Substitute for form 1449A/PTO

Application Number
Filing Date

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

U.S. Petent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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10/767,322

Filing Date

January 29, 2004

First Named Inventor

Richard L. Giroux et al

Group Art Unit

3672

**Submission Date** 

(Use as many sheets as necessary)

Group Art Unit 3672

Examiner Name Unknown

Attorney Docket Number WEAT/0343

Customer No. 36735

Sheet 7 of 12

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Initials*	'   '	No.¹	Number-Kind Code ² (f known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear				
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Examiner	an oli	Alan-	Date Considered	10/12/05

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Substitute for form 1449A/PTO

Application Number 10/767,322
Filing Date January 29, 2

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

First Named Inventor Richard L. Gir

Group Art Unit 3672

Examiner Name Unknown

(Use as many sheets as necessary)

Sheet 8 of 12 Submission

Application Number	10/767,322	
Filing Date	January 29, 2004	
First Named Inventor	Richard L. Giroux et al	
Group Art Unit	3672	
Examiner Name	Unknown	
Attorney Docket Number	WEAT/0343	
Customer No.	36735	
Submission Date	·	

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**Submission Date** 

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NM	B45	WO 99/58810	11-18-1999	Abrahamsen, et al.					

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0.8 collection of information unless it displays a walld OMB control number. 10/767,322 Application Number Substitute for form 1449A/PTO Filing Date January 29, 2004 INFORMATION DISCLOSURE First Named Inventor Richard L. Giroux et al STATEMENT BY APPLICANT Group Art Unit 3672 **Examiner Name** Unknown (Use as many sheets as necessary) WEAT/0343 Attorney Docket Number 36735 Customer No.

**Submission Date** 

			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ^{2 (If known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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	A174	US-2004/0112646	06-17-2004	Vail	
	A175	US-2004/0118613	06-24-2004	Vail	
	A176	US-2004/0123984	07-01-2004	Vail	
	A177	US-2004/0124015	07-01-2004	Vaile, et al.	
	A178	US-2004/0129456	07-08-2004	Vail	
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	A180	US-2004/0173358	09-09-2004	Haugen	
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Mn	A183	US-Re 34,063	09-15-1992	Vincent, et al.	
	A184	US-			
	A185	US-			
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	A187	US-			
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	A189	US-			
	A190	US-			

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	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	T⁵			
	No.'	Number-Kind Code ^{2 (I known)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear				
nn	B46	FR 2741907	06-06-1997	Leighton					
	B47								
	B48								
	B49								
	B50								

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Date Consider document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Sheet	11	of	12	Submission Date	
				Customer No.	36735
	(Use as many sheets as ned	cessary	)	Attorney Docket Number	WEAT/0343
				Examiner Name	Unknown
STAT	TEMENT BY AP	PLIC	CANT	Group Art Unit	3672
INFO	RMATION DISC	LOS	SURE	First Named Inventor	Richard L. Giroux et al
				Filing Date .	January 29, 2004
Substitute	Substitute for form 1449B/PTO			Application Number	10/767,322

			NON PATENT LITERATURE DOCUMENTS				
Examiner Cite No.1			Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				
~	m		DETLEF HAHN, FRIEDHELM MAKOHL, and LARRY WATKINS, Casing-While Drilling System Reduces Hole Collapse Risks, Offshore, Pages 54, 56, and 59, February 1998				
			YAKOV A. GELFGAT, MIKHAIL Y. GELFGAT and YURI S. LOPATIN, Retractable Drill Bit Technology – Drilling Without Pulling Out Drillpipe, Advanced Drilling Solutions Lessons From the FSU; June 2003; Vol. 2, pps. 351-464				
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			MIKE KILLALEA, Portable Top Drives: What's Driving The Marked?, IADC, Drilling Contractor, September 1994, 4 Pages				
A	<b>\</b>		500 or 650 ECIS Top Drive, Advanced Permanent Magnet Motor Technology, TESCO Drilling Technology, April 1998, 2 Pages				

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Substitute	for form 1449B/PTO			Application Number	10/767,322
				Filing Date	January 29, 2004
INFO	RMATION DISC	LOS	SURE	First Named Inventor	Richard L. Giroux et al
STAT	STATEMENT BY APPLICANT			Group Art Unit	3672
				Examiner Name	Unknown
(	(Use as many sheets as ned	essary	)	Attorney Docket Number	WEAT/0343
			•	Customer No.	36735
Sheet	12	of	12	Submission Date	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Τ²
~		500 or 650 HCIS Top Drive, Powerful Hydraulic Compact Top Drive Drilling System, TESCO Drilling Technology, April 1998, 2 Pages	
~		Product Information (Sections 1-10) CANRIG Drilling Technology, Ltd., September 18, 1996	<del></del>
			1
Examiner	1 1	Date Considered 10/12/05	

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Substitute for form 1449A/PTO Complete If Known 10/767,322 Application Number INFORMATION DISCLOSURE Filing Date January 29, 2004 STATEMENT BY APPLICANT First Named Inventor Richard L. Giroux Art Unit 3672 (Use as many sheets as necessary) Examiner Name Unknown WEAT/0343 Sheet of 2 Attorney Docket Number

			U.S. PATENT	OCUMENTS	
Examiner Cite		Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant
Initials *	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear
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<u> </u>		US- 6,857,486	02-22-2005	Chitwood, et al.	
		US- 6,854,533	02-15-2005	Galloway	
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1		US-6,840,322	01-11-2005	Haynes	
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	1	US-6,708,769	03-23-2004	Haugen, et al.	
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Examiner	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant			
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ ( <i>if known</i> )	Publication Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T⁵		
~~		EP 0479583	04-08-1992	Gonalez, et al.				
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	1	GB 2381809	05-14-2003	Ohmer				
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	1	WO 97/05360	02-13-1997	Collins				
		WO 03/074836	09-12-2003	Philip				
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	a description			
Examiner Signature	Nille-	Me	Date Considered	10/12/05

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Substitute for form 1449A/PTO				Complete if Known		
				Application Number	10/767,322	
INFOR	RMATION	DIS	CLOSURE	Filing Date	January 29, 2004	
STATE	EMENT BY	/ Al	PPLICANT	First Named Inventor	Richard L. Giroux	
				Art Unit	3672	
(Use as many sheets as necessary)			necessary)	Examiner Name	Unknown	
Sheet	)	of	2	Attorney Docket Number	WEAT/0343	

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Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan	
Initials *	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	<u> </u>	Passages or Relevant Figures Appear	
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		Country Code ³ - Number ⁴ - Kind Code ⁵ ( <i>if known</i> )				
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